

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 23 Jan 2021 until 23:59 on Sunday 24 Jan 2021

Forecast Issued on Saturday 23 Jan 2021 at 04:28

Confidence: High for cold conditions with a few showers continuing through into next week and then becoming milder during Tuesday, although timings of this uncertain at the moment.

Headline for Saturday 23 Jan 2021: Sunny spells and the odd light snow shower. Cold.

Mountain weather hazards on Saturday 23 Jan 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

High Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Light snow showers (night)	Light snow showers	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
40%	30%	10%	10%	<05%	<05%

Forecast for Saturday 23 Jan 2021

Weather: Clear or sunny spells, with occasional light snow showers across western areas this morning. Valley freezing fog early and late today, perhaps not clearing from some valleys all day.

Chance of cloud free mountain/hill tops above 600m: Around 75%.

Visibility: Occasional cloud above 600m. Away from cloud, very good or excellent with good panoramic views of surrounding snow covered hills, falling to just a few kilometres in snow showers. Glare off lying snow expected.

Forecast for Saturday 23 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 W	5/9 W	9/13 NW	11/16 NW	11/18 W	11/17 W	10/16 W
300	1/6 NW	2/8 NW	7/13 NW	7/15 NW	7/18 W	6/16 W	4/13 W
Valley	1/4 NW	1/4 N	4/9 W	7/14 W	4/11 NW	2/7 N	2/7 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-7	-3/-6	-3/-8	-2/-8	-4/-9	-4/-10	-4/-9
300	-2/-4	-1/-3	0/-3	0/-4	-2/-6	-3/-6	-3/-6
Valley	-1/-2	-1/-3	2/-0	2/-1	-1/-3	-2/-4	-2/-4
Freezing Level*	00m	00m	200m	200m	00m	00m	00m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Widespread valley frosts at first and again this evening, temperatures down to minus 3 or 4 Celsius.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 23 Jan 2021	8mm	23mm	48.6mm

Forecast for Sunday 24 Jan 2021

Weather: One or two mainly light snow showers but also some long clear or sunny spells.

Maximum wind: Southwesterly winds 15 mph, but temperatures still low enough for a significant chill effect.

Chance of cloud free mountain/hill tops above 600m: Around 90%

Visibility: Only small amounts of cloud expected below summits. Away from cloud, very good or excellent with good panoramic views of surrounding snow covered hills, falling to just a few kilometres in snow showers. Glare off lying snow expected.

Temperature: **Valleys:** Falling to minus 5 or 6 Celsius overnight then rising briefly to plus 1 Celsius around midday.
At 600m: Around minus 5 Celsius
Freezing level: Below 300m.